

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4856	(250/453.11-455.11,493.1-504H). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/02 11:34
L2	2227	@ad<"20030206" and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:36
L3	4	US-5440131-\$.DID. OR EP-1371611-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:43
L4	1	@ad<"20030206" and L1 AND L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:43
L5	201	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis \$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:45

L6	54	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis\$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas or water) and (bulb or source or element or lamp or emitter or light or generat\$4) with (scrub\$4 or scrap\$4 or clean\$4 or wiper or wash\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:47
L7	38	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis\$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas or water) and (bulb or source or element or lamp or emitter or light or generat\$4) with (scrub\$4 or scrap\$4 or clean\$4 or wiper or wash\$4) and (radiolucent or translucent or transparent or transmissiv\$4 or clear or trans\$4 or transmit\$4) with (UV or ultraviolet or ultra?violet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:50

		or EUV or VUV or \$4UV)				
L8	39	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis \$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas or water) and (bulb or source or element or lamp or emitter or light or generat\$4) with (scrub \$4 or scrap\$4 or clean\$4 or wiper or wash\$4) and (radiolucent or translucent or transparent or transmissiv \$4 or clear or trans\$4 or transmit\$4 or quartz\$4) with (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:50
L9	0	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis \$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas or water) and (bulb or source or element or lamp or emitter or light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:51

		or generat\$4) with (scrub \$4 or scrap\$4 or clean\$4 or wiper or wash\$4) and (radiolucent or translucent or transparent or transmissiv \$4 or clear or trans\$4 or transmit\$4 or quartz\$4) with (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) and (slot \$4 or groov\$4) with (scrub\$4 or scrap\$4 or clean\$4 or wiper or wash \$4)				
L10	0	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis \$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas or water) and (bulb or source or element or lamp or emitter or light or generat\$4) with (scrub \$4 or scrap\$4 or clean\$4 or wiper or wash\$4) and (radiolucent or translucent or transparent or transmissiv \$4 or clear or trans\$4 or transmit\$4 or quartz\$4) with (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) and (slot \$4 or groov\$4) with3 (scrub\$4 or scrap\$4 or clean\$4 or wiper or wash \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:52

L11	0	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis \$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas or water) and (bulb or source or element or lamp or emitter or light or generat\$4) with (scrub \$4 or scrap\$4 or clean\$4 or wiper or wash\$4) and (radiolucent or translucent or transparent or transmissiv \$4 or clear or trans\$4 or transmit\$4 or quartz\$4) with (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) and (slot \$4 or groov\$4) with3 (scrub\$4 or scrap\$4 or clean\$4 or wiper or wash \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:52
L12	4	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis \$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:52

		or water) and (bulb or source or element or lamp or emitter or light or generat\$4) with (scrub \$4 or scrap\$4 or clean\$4 or wiper or wash\$4) and (radiolucent or translucent or transparent or transmissiv \$4 or clear or trans\$4 or transmit\$4 or quartz\$4) with (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) and (slot \$4 or groov\$4) same3 (scrub\$4 or scrap\$4 or clean\$4 or wiper or wash \$4)				
L13	9	@ad<"20030206" and L1 AND (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) same (steriliz\$4 or steriliza\$4 or sanitiz\$4 or sanitiza\$4 or disinfect\$4 or decontaminat\$4 or sterilis \$4 or sterilisa\$4) with (fomite or device or article or object or item or tool or piece or specimen or sample or surface or film or target or substrate or subject or workpiece or article or object or wafer or medium or liquid or gas or water) and (bulb or source or element or lamp or emitter or light or generat\$4) with (scrub \$4 or scrap\$4 or clean\$4 or wiper or wash\$4) and (radiolucent or translucent or transparent or transmissiv \$4 or clear or trans\$4 or transmit\$4 or quartz\$4) with (UV or ultraviolet or ultra?violet or EUV or VUV or \$4UV) and (slot \$4 or groov\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:57

L14	5	I13 not I12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 11:57
L15	1	(US-7081636-\$).did.	USPAT	ADJ	ON	2009/09/02 12:04
L16	1	(US-6649917-\$).did.	USPAT	ADJ	ON	2009/09/02 12:07
L17	1	(US-4922114-\$).did.	USPAT	ADJ	ON	2009/09/02 12:13
L18	3	I15 or I16 or I17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:16
L19	2	I15 or I16 or I17 and annular spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:33
L20	2	I15 or I16 or I17 and annular spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:33
L21	0	(I15 or I16 or I17) and annular spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:34
L22	0	(I15 or I16 or I17) and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 12:34

**EAST Search History (I nterference)**

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